IN THE SPECIFICATION

Please replace paragraph 2 on pages 8 and 9 with the following amended paragraph:

Referring to Fig. 3, the remote monitoring system according to the present invention includes: an ATM 31, which is an object to be monitored; a plurality of monitoring cameras 32 installed for remotely photographing illegal users (the users of a bad faith) of the ATM 31 at a front direction, side directions, a bottom direction or from a far to effectively monitor the illegal users approaching to the ATM 31 by wearing hats or caps on a deep level or in bending locations; a microphone 33 installed either in each of the plurality of monitoring cameras 32 or on a separate basis for obtaining voices or sounds; a remotely monitored image data processor 33 for detecting motions in the plurality of monitored image data photographed by the plurality of monitoring cameras 32 according to each channel to compression-encode and transmit the monitored audio data together with the monitored video data either by compression encoding the monitored image data in an MPEG-2 bit stream or by detecting an existence of the monitored audio data obtained by the plurality of microphone 33 on an individual basis, and generating detection signals with respect to each of the monitored data that has been detected; a telephone modem 35 for modulating/demodulating transaction data transmitted/ received between the ATM 31 and a bank where the ATM 31 is installed; a first ADSL modem 36 installed in a reverse direction for modulating and upwardly transmitting the data inputted from the remotely monitored image data processor 33~~34~~ and the telephone modem 35 in a velocity of 8Mbps at the maximum, and demodulating and transferring the data transferred from a second ADSL modem 37 in a velocity of 384Kbps at the maximum to the remotely monitored image data processor 33~~34~~ and the telephone modem 35; and the second ADSL modem 37 installed in a reverse direction for demodulating the data transferred from the fist ADSL modem 36 through a telephone line in a velocity of 8Mbps at the maximum so as to be transferred to a receiving party, and modulating and downwardly transmitting the data transferred from the receiving party in a velocity of 384Kbps at the maximum to the first ADSL modem 36.

Please replace paragraph 2 on page 14 with the following amended paragraph:

Referring to Fig. 8, the motion detector 504 includes: a horizontal counter 805 and a horizontal comparator 806 for obtaining a horizontal location within one macro block; a vertical counter 807 and a vertical comparator 808 for obtaining a vertical location within one macro block; a first OR gate 811 for detecting a motion by using a motion vector value 801 outputted from the ME/MC 503, and outputting a motion detection signal (motion_detected) 802; an AND processor 809 for performing an AND for signals outputted from the horizontal counter 805 and the horizontal comparator 806, signals outputted from the vertical counter ~~808~~ 807 and the vertical comparator 808, and a motion detection signal outputted from the first OR gate 811; and a second OR gate 810 for performing an OR for each signal outputted from the AND processor 809 to detect motions in the entire channels.

In the Abstract

Please amend the abstract as follows (Applicant also submits a clean abstract on a separate page):

Disclosed are a real time remote monitoring system and a method therefore using an ADSL in a reverse direction. ~~The real time remote monitoring system according to the invention includes monitoring unit for monitoring an object facility to be monitored, remotely monitored data processing unit for monitoring motions according to each channel with respect to the monitored data obtained by the monitoring unit, first ADSL modulating/demodulating unit installed in a reverse direction for modulating the data inputted from the remotely monitored data processing unit so as to be upwardly transmitted to a network in a transmission velocity higher than that of the downward channel, and demodulating the data transferred from the network in a transmission velocity lower than that of the upward channel, second ADSL modulating/demodulating unit installed in a reverse direction for demodulating the data transferred from the first ADSL modulating/demodulating means in a transmission velocity higher than that of the downward channel so as to be transferred to a receiving party, and modulating the data transferred from the receiving party so as to downwardly transferred to the first~~

~~ADSL modulating/demodulating unit in a transmission velocity lower than that of the upward channel.~~ The real time remote monitoring system performs a remote monitoring in real time by compression-encoding a plurality of monitored image data or audio data in a bit stream, generating a motion detection signal for each image data, and by compressing/transmitting video or video/audio data with an ADSL modem installed in a reverse direction.